

Publication Number 200511273**Title** Discriminating method of an optical disc device for ascertaining the format of an loaded optical disc**Publication Date** 2005/03/16**Application Date** 2004/09/15**Application No.** 093127863**IPC** **G11B-007/00****Inventor** CHEN, CHUN-TA TW;

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Applicant VIA TECHNOLOGIES, INC. TW**Priority Number** 2003/09/15 US20030502654P**Abstract**

A discriminating method of ascertaining the format of the loaded optical disc for an optical disc device is disclosed. When the optical disc device operates under a close-loop control, related central error signal is amplified and measured, while the peak-to-peak value of the amplified central error signal is then compared with a threshold. The loaded optical disc will be discriminated as a R-type medium if the peak-to-peak value of the amplified central error signal is larger than the threshold. On the contrary, the loaded optical disc is identified as a ROM-type medium if the peak-to-peak value of the amplified central error signal is smaller than the threshold.